## BIRCH, STEWART, KOLASCH & BIRCH, LLP

TERRELL C. BIRCH
RAYMOND C. STEWART
JOSEPH A. KOLASCH
JAMES M. SLATTERY
BERNARD L. SWEENEY\*
MICHAEL K. MUTTER
CHARLES GORENSTEIN
GERALD M. MURPHY, JR.
LEONARD R. SVENSSON
TERRY! C. LAPK LEONARD R. SVENSSOI TERRY L. CLARK ANDREW D. MEIKLE MARC S. WEINER JOE MCKINNEY MUNCY ROBERT J. KENNEY DONALD J. DALEY JOHN W. BAILEY JOHN A. CASTELLANO GARY D. YACURA

OF COUNSEL:
HERBERT M. BIRCH (1905-1996)
ELLIOT A. GOLDBERG\*
WILLIAM L. GATES\*
EDWARD H. VALANCE
RUPERT J. BRADY (RET.)\*
F. PRINCE BUTLER FRED S. WHISENHUNT

TITTED TO A BAR OTHER THAN VA.

INTELLECTUAL PROPERTY LAW

8110 GATEHOUSE ROAD SUITE 500 EAST FALLS CHURCH, VA 22042-1210 USA

(703) 205-8000

FAX: (703) 205-8050 (703) 698-8590 (G IV)

e-mail: mailroom@bskb.com web: http://www.bskb.com

CALIFORNIA OFFICE COSTA MESA, CALIFORNIA THOMAS S. AUCHTERLONIE
JAMES T. ELLER, JR.
SCOTT L. LOWE
MARK J. NUELL, Ph. D.
D. RICHARD ANDERSON
PAUL C. LEWIS
MARK W. MILSTEAD\*
RICHARD J. GALLAGHER
JAYNE M. SAYDAH\*
MARYANNE ARMSTRONG, Ph. D.
HYUNG N. SOHN
AL AN PEDERSEN-GILES ALAN PEDERSEN-GILES KECIA J. REYNOLDS

REG. PATENT AGENTS: FREDERICK R. HANDREN FREDERICK R. HANDREN
MAKI HATSUMI
MIKE S. RYU
CRAIG A. MCROBBIE
GARTH M. DAHLEN, PH.D.
ROBERT E. GOOZNER, PH.D.
MATTHEW J. LATTIG
TIMOTHY R. WYCKOFF
KRISTI L. RUPERT, PH.D.
LARRY J. HUME
ALBERT K. LEE
HRAYR A. SAYADIAN, PH.D.
EVE L. FRANK, PH.D.
MATTHEW T. SHANLEY

Date: January 19, 2001 Docket No.: 0941-0213P-SP

Assistant Commissioner for Patents Box PATENT APPLICATION Washington, D.C. 20231

Sir:

ũ C

ש

4]

١,

jì . . .

П

]] چ

÷

]m b ]= b

4]

= =

Transmitted herewith for filing is the patent application of

Inventor(s): LAY, Ming-Yi

HSIEH, Yang-Fen; TSAI, Shang-Kung

LO, Chin-Kun

METAL BUMP WITH AN INSULATING SIDEWALL AND METHOD OF For:

FABRICATING THEREOF

## Enclosed are:

<u>X</u>	Α	specification	consisting	of	<u>16</u>	pages
----------	---	---------------	------------	----	-----------	-------

9 sheet(s) of Formal drawings

X An assignment of the invention - \$40.00 Recording Fee

Certified copy of Priority Document(s)

X Executed Declaration X Original \_\_\_ Photocopy

Applicant claims small entity status in accordance with 37 CFR 1.27

Application Data Sheet in accordance with 37 C.F.R. 1.76

	Preliminary Amendment										
	Information Disclosure Statement, PTO-1449 and reference(s)										
	Other										
<del></del>	Applicant requests early publication										

The filing fee has been calculated as shown below:

## LARGE ENTITY

## SMALL ENTITY

FOR .	NO. FILED		NO. EXTRA	TRA RATE		FEE		RA		ATE		FEE		
BASIC FEE	***	***	***	* *	******* *********	***	*	\$710.00	or	* 1	***			\$355.00
TOTAL CLAIMS	19	-	20	=	0	<b>x</b> 18	=\$	0.00	or	x	9	=	\$	0.00
INDEPENDENT	3	-	3	=	0	x80	=\$	0.00	or	x	40	=	\$	0.00
MULTIPLE DEPENDENT CLAIM PRESENTED <u>no</u>						+270	) =	\$ 0.00	or	+1	.35	=	\$	0.00

TOTAL \$ 710.00

TOTAL \$ 0.00

- X A check in the amount of \$ 750.00 to cover the filing fee and recording fee (if applicable) is enclosed.
- Please charge Deposit Account No. 02-2448 in the amount of \$\_\_\_\_\_. A triplicate copy of this transmittal form is enclosed.
- No fee is enclosed.

Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292 P.O. Box 747

Falls Church, VA 22040-0747 Telephone: (703) 205-8000 If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

JOE MCKINNEY MUNCY

Reg. No. 32,334 P. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000 KM/pf